

g is 1-4;

h is 1-4;

R_1, R_3, R_5, R_7, R_9 , and R_{11} , are independently hydrogen, halogen, alkyl, carboxyl, alkoxy, carbonyl or aralkyl;

5 $R_2, R_4, R_6, R_8, R_{10}$ and R_{12} , are independently $-(CH_2)_q-X$;

q is 0-3;

X is hydrogen, halogen, alkyl, alkenyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, aralkyl, heteroaralkyl, hydroxy, alkoxy, aralkoxy, heteroaralkoxy, carboxyl, alkoxy, carbonyl, tetrazolyl, acyl, acyl, $HNSO_2-$, $-SR_{23}$, Y^1Y^2N- or Y^3Y^4NCO- ;

10 Y^1 and Y^2 are independently hydrogen, alkyl, aryl, aralkyl or heteroaralkyl, or one of Y^1 and Y^2 is hydrogen or alkyl and the other of Y^1 and Y^2 is acyl or aroyl;

Y^3 and Y^4 are independently hydrogen, alkyl, aryl, aralkyl or heteroaralkyl;

Z is $R_{21}O_2C-$, $R_{21}OC-$, cyclo-imide, $-CN$, $R_{21}O_2SHNCO-$, $R_{21}O_2SHN-$, $(R_{21})_2NCO-$, $R_{21}O-$, 2,4-thiazolidinedionyl, or tetrazolyl; and

15 R_{19} and R_{21} are independently hydrogen, alkyl, aryl, cycloalkyl, or aralkyl;

R_{13}, R_{17}, R_{19} and R_{23} are independently $R_{22}OC-$, $R_{22}NHOC-$, hydrogen, alkyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, heteroaralkyl, or aralkyl;

$R_{14}, R_{15}, R_{16}, R_{18}$ and R_{20} are independently hydrogen, alkyl, aralkyl, carbonyl, or alkoxy, carbonyl;

20 or R_{14} , and R_{15} taken together with the carbon and nitrogen atoms through which they are linked form a 5 or 6-membered azaheterocyclyl group; or

when a is 2-4, then vicinal R_1 radicals taken together with the carbon atoms to which the R_1 radicals are linked form an ethylene group; or

when b is 2-4, then vicinal R_3 radicals taken together with the carbon atoms to which the R_3 radicals are linked form an ethylene group; or


25 when c is 2-4, then vicinal R_5 radicals taken together with the carbon atoms to which the R_5 radicals are linked form an ethylene group; or


when d is 2-5, then vicinal R_7 radicals taken together with the carbon atoms to which the R_7 radicals are linked form an ethylene group; or


30 when e is 2-4, then vicinal R_9 radicals taken together with the carbon atoms to which the R_9 radicals are linked form an ethylene group; or

when R_1 is 2-6, then vicinal R_{11} radicals taken together with the carbon atoms to which the R_{11} radicals are linked form an ethylene group; and

R_{22} is hydrogen, alkyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, heteroaralkyl, or aralkyl; or a pharmaceutically acceptable salt thereof, an N-oxide thereof, a hydrate thereof or a solvate thereof.

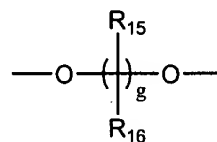
2. A compound according to claim 1 wherein  is optionally substituted aryl,

optionally substituted azaheteroaryl, or optionally substituted fused arylheterocyclenyl;  is optionally substituted aryl, optionally substituted heteroaryl, or optionally substituted fused

arylheterocyclenyl; and  is optionally substituted aryl, optionally substituted heteroaryl, optionally substituted fused arylheterocyclalkyl or optionally substituted fused arylheterocyclenyl.

3. A compound according to claim 1 wherein $a = 1$ or 2 ; R_1 and R_2 is hydrogen; A is a chemical bond; and $b = 0$.

15 4. A compound according to claim 1 wherein $a = 0$; A is



; R_{15} and R_{16}

are hydrogen; g is 1, 2, or 3; and $b = 0$.

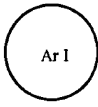
5. A compound according to claim 1 wherein $a = 0$; A is $-NR_{13}-$, $b = 1$, R_3 and R_4 are hydrogen.

6. A compound according to claim 1 wherein $a = 2$; vicinal R_1 radicals taken together with the carbon atoms to which the R_1 radicals are linked form an ethylene group; R_2 is hydrogen; A is a chemical bond; and $b = 0$.

7. A compound according to claim 1 wherein $a = 1, 2$ or 3 ; R_1 and R_2 are hydrogen; A is $-O-$; and $b = 0$.

8. A compound according to claim 1 wherein $a = 1$; R_1, R_2, R_3 and R_4 are hydrogen; A is $-O-$; and $b = 1$.

9. A compound according to claim 1 wherein $c = 1$ or 2 ; R_5 and R_6 are hydrogen or alkyl; B is a chemical bond; and $d = 0$.


10. A compound according to claim 1 wherein $c = 2$; vicinal R_5 radicals taken together with the carbon atoms to which the R_5 radicals are linked form an ethylene group; R_6 is hydrogen; B is a chemical bond; and $d=0$.
11. A compound according to claim 1 wherein $c = 0$ or 1; R_5 and R_6 are hydrogen; B is $-O-$; and $d = 0$ or 1.
12. A compound according to claim 1 wherein $c = 0$; B is $-C(O)-$ or $-S(O)_2-$; $d = 1$ and R_7 and R_8 are independently hydrogen or alkyl.
13. A compound according to claim 1 wherein $e = 0$; $f = 0$; D and E is a chemical bond; Z is $R_{21}O_2SHNCO-$, and R_{21} is phenyl.
14. A compound according to claim 1 wherein $e = 0$; $f = 0$ or 1; D and E is a chemical bond; Z is tetrazolyl, NH_2CO- or $-CO_2R_{21}$; and R_{21} is hydrogen or lower alkyl.
15. A compound according to claim 1 wherein $e = 0$; $f = 0$ or 1; D is $-O-$ or a chemical bond; E is a chemical bond; and Z is tetrazolyl, NH_2CO- or $-CO_2R_{21}$; and R_{21} is hydrogen or lower alkyl.
16. A compound according to claim 1 wherein $e = 0$; $f = 1$; D is $-O-$ or a chemical bond; E is a chemical bond; R_{11} and R_{12} are hydrogen or alkyl; and Z is tetrazolyl, NH_2CO- or $-CO_2R_{21}$; and R_{21} is hydrogen or lower alkyl.
17. A compound according to claim 1 wherein $e = 2$, then vicinal R_9 radicals taken together with the carbon atoms to which the R_9 radicals are linked form an ethylene group; $f = 0$; D and E is a chemical bond; and Z is $-CO_2R_{21}$; and R_{21} is hydrogen.
18. A compound according to claim 1 wherein $e = 0$; $f = 3$; D is $-O-$; E is a chemical bond; R_{11} and R_{12} are hydrogen or alkyl, or at least one of R_{11} is carboxyl or alkoxycarbonyl; Z is tetrazolyl, or $-CO_2R_{21}$; and R_{21} is hydrogen or lower alkyl.
19. A compound according to claim 1 wherein $e = 0$; $f = 1, 2$, or 3; D is $-C(O)-$; E is a chemical bond; R_{11} and R_{12} are hydrogen or alkyl; Z is tetrazolyl or $-CO_2R_{21}$; and R_{21} is hydrogen or lower alkyl.
20. A compound according to claim 1 wherein  is an optionally substituted quinoliny, quinoxaliny, quinazoliny, isoquinoliny, *N*-alkyl-quinolin-4-onyl, quinazolin-4-onyl, benzoxazolyl, benzimidazolyl, benzothiazolyl, benzofuranyl, benzothiophenyl, indoliny, oxazolyl, thiazolyl, oxadiazolyl, isoxazolyl, imidazolyl, pyrazol-yl, thiadiazolyl, triazolyl, pyridyl, pyrimidinyl, pyrazinyl, pyridazinyl, phenyl, or naphthalenyl group, wherein the substituent is a

sub
Q 2


ring system substituent as defined herein, more preferably a substituent selected from the group consisting of phenyl, substituted-phenyl, thienyl, substituted thienyl, cycloalkyl, lower alkyl, branched alkyl, fluoro, chloro, alkoxy, aralkyloxy, trifluoromethyl and trifluoromethoxy.

Q2
cont



21. A compound according to claim 1 wherein  is unsubstituted quinolin-2-yl, 3-substituted quinolin-2-yl, 4-substituted quinolin-2-yl, 6-substituted quinolin-2-yl or 7 substituted quinolin-2-yl; an unsubstituted quinoxalin-2-yl, 3-substituted quinoxalin-2-yl, 6-substituted quinoxalin-2-yl or 3,6-disubstituted quinoxalin-2-yl; unsubstituted quinazolin-2-yl, 4-substituted quinazolin-2-yl or 6-substituted quinazolin-2-yl; unsubstituted isoquinolin-3-yl, 6-substituted isoquinolin-3-yl or 7-substituted isoquinolin-3-yl; 3-substituted-quinazolin-4-on-2-yl; *N*-substituted quinolin-4-on-2-yl; 2-substituted-oxazol-4-yl or 2,5 disubstituted-oxazol-4-yl; 4-substituted oxazol-2-yl or 4,5-disubstituted-oxazol-2-yl; 2-substituted thiazol-4-yl or 2,5-disubstituted thiazol-4-yl; 4-substituted thiazol-2-yl or 4,5-disubstituted-thiazol-2-yl; 5-substituted-[1,2,4]oxadiazol-3-yl; 3-substituted-[1,2,4] oxadiazol-5-yl; 5-substituted-imidazol-2-yl or 3,5-disubstituted-imidazol-2-yl; 2-substituted-imidazol-5-yl or 2,3-disubstituted-imidazol-5-yl; 3-substituted-isoxazol-5-yl; 5-substituted-isoxazol-3-yl; 5-substituted-[1,2,4] thiadiazol-3-yl; 3-substituted-[1,2,4]-thiadiazol-5-yl; 2-substituted-[1,3,4]-thiadiazol-5-yl; 2-substituted-[1,3,4]-oxadiazol-5-yl; 1-substituted-pyrazol-3-yl; 3-substituted-pyrazol-5-yl; 3-substituted-[1,2,4]-triazol-5-yl; 1-substituted-[1,2,4]-triazol-3-yl; 3-substituted pyridin-2-yl, 5-substituted pyridin-2-yl, 6-substituted pyridin-2-yl or 3,5-disubstituted pyridin-2-yl; 3-substituted pyrazin-2-yl, 5-substituted pyrazin-2-yl, 6-substituted pyrazin-2-yl or 3,5 disubstituted-pyrazin-2-yl; 5-substituted pyrimidin-2-yl or 6-substituted-pyrimidin-2-yl; 6-substituted-pyridazin-3-yl or 4,6-disubstituted-pyridazin-3-yl; unsubstituted naphthalen-2-yl, 3-substituted naphthalen-2-yl, 4-substituted naphthalen-2-yl, 6-substituted naphthalen-2-yl or 7 substituted naphthalen-2-yl; 2-substituted phenyl, 4-substituted phenyl or 2,4-disubstituted phenyl; unsubstituted -benzothiazol-2-yl or 5-substituted-benzothiazol-2-yl; unsubstituted benzoxazol-2yl or 5-substituted-benzoxazol-2yl; unsubstituted -benzimidazol-2-yl or 5-substituted-benzimidazol-2-yl; unsubstituted -thiophen-2yl, 3-substituted -thiophen-2yl, 6-substituted -thiophen-2yl or 3,6-disubstituted-thiophen-2yl; unsubstituted -benzofuran-2-y, 3-substituted-benzofuran-2-yl, 6-substituted-benzofuran-2-yl or 3,6-disubstituted-benzofuran-2-yl; 3-substituted-benzofuran-6-yl or 3,7-disubstituted-benzofuran-6-yl, wherein the substituent is a ring system substituent.

Q2
cont


22 A compound according to claim 21 wherein  is substituted by a substituent selected from the group consisting of phenyl, substituted-phenyl, thienyl, substituted thienyl, cycloalkyl, lower alkyl, branched alkyl, fluoro, chloro, alkoxy, aralkyloxy, trifluoromethyl and trifluoromethyloxy.

5 23. A compound according to claim 1 wherein R_1 and R_2 are hydrogen; $a = 1$; A is $-O-$; and $b = 0$.

24. A compound according to claim 1 wherein R_1 and R_2 are hydrogen; $a = 2$; A is $-O-$; and $b = 0$.

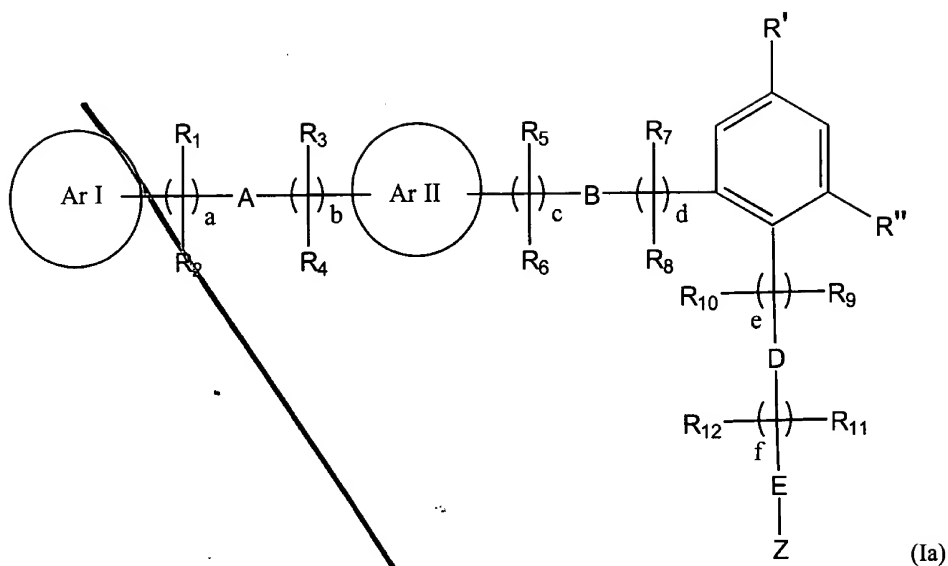
25. A compound according to claim 1 wherein $a = 0$; A is $-O-$ or $-NR_{13}-$; R_{13} is hydrogen or alkyl; R_3 and R_4 are both independently hydrogen; and $b = 1$.

26. A compound according to claim 1 wherein $a = 0$; A is $-O-$ or $-NR_{13}-$; R_{13} is hydrogen or

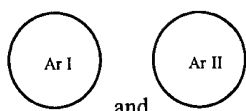
alkyl; R_3 and R_4 are both independently hydrogen; $b = 1$; and  is 3-substituted quinolin-2-yl, 4-substituted quinolin-2-yl, 6-substituted quinolin-2-yl, 7 substituted quinolin-2-yl, unsubstituted quinoxalin-2-yl, 3-substituted quinoxalin-2-yl, 6-substituted quinoxalin-2-yl, 3,6-disubstituted quinoxalin-2-yl, unsubstituted quinazolin-2-yl, 4-substituted quinazolin-2-yl, 6-substituted quinazolin-2-yl, unsubstituted isoquinolin-3-yl, 6-substituted isoquinolin-3-yl, 7-substituted isoquinolin-3-yl, 4-substituted oxazol-2-yl, 4,5-disubstituted-oxazol-2-yl, 4-substituted-thiazol-2-yl, 4,5-disubstituted-thiazol-2-yl, 5-substituted -imidazol-2-yl, 3,5-disubstituted-imidazol-2-yl, 1-substituted-pyrazol-3-yl, 3-substituted-pyrazol-5-yl, 3-substituted pyridin-2-yl, 5-substituted pyridin-2-yl, 6-substituted pyridin-2-yl or 3,5-disubstituted pyridin-2-yl, 3-substituted pyrazin-2-yl, 5-substituted pyrazin-2-yl, 6-substituted pyrazin-2-yl, 3,5-disubstituted-pyrazin-2-yl, 5-substituted pyrimidin-2-yl, 6-substituted-pyrimidin-2-yl, 6-substituted-pyridazin-3-yl, 4,6-disubstituted-pyridazin-3-yl, unsubstituted-benzothiazol-2-yl, 5-substituted-benzothiazol-2-yl, unsubstituted-benzoxazol-2-yl, 5-substituted-benzoxazol-2-yl, unsubstituted benzimidazol-2-yl, 5-substituted-benzimidazol-2-yl, 3-substituted-benzofuran-6-yl or 3,7-disubstituted-benzofuran-6-yl.

Ref
Q3

27. A compound of formula (Ia)

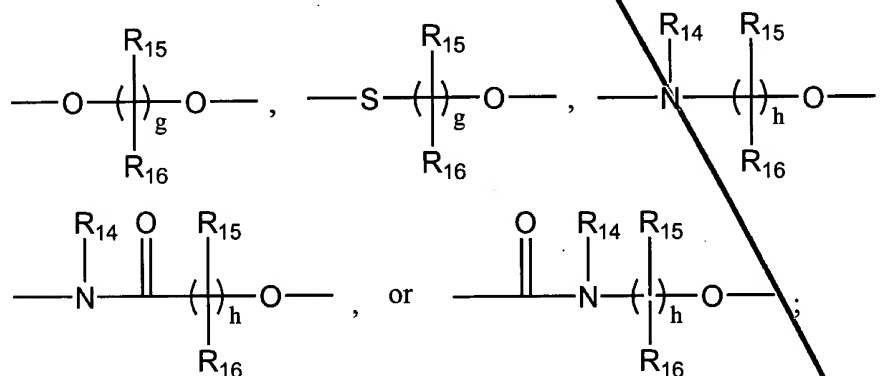


wherein:



~~and are independently aryl, fused arylcycloalkenyl, fused arylcycloalkyl, fused arylheterocyclenyl, fused arylheterocyclyl, heteroaryl, fused heteroaryl cycloalkenyl, fused heteroaryl cycloalkyl, fused heteroaryl heterocyclenyl, or fused heteroaryl heterocyclyl;~~

~~A is -O-, -S-, -SO-, -SO₂-, -NR₁₃-, -C(O)-, -N(R₁₄)C(O)-, -C(O)N(R₁₅)-, -N(R₁₄)C(O)N(R₁₅)-, -C(R₁₄)=N-, a chemical bond,~~



10 B is -O-, -S-, -SO-, -SO₂-, -NR₁₇-, a chemical bond, ethynylene, -C(O)-, -N(R₁₈)C(O)-, or -C(O)NR₁₈-;

D is $-O-$, $-S-$, $-NR_{19}-$, a chemical bond, ethynylene, $-N(R_{20})C(O)-$, $-C(O)-$, or $-C(O)N(R_{20})-$;

E is a chemical bond or an ethylene group;

a is 0-4;

15 b is 0-4;

c is 0-4;

Q3
cont

- d is 0-5;
 e is 0-4;
 f is 0-6;
 g is 1-4;
 h is 1-4;
 R₁, R₃, R₅, R₇, R₉, and R₁₁, are independently hydrogen, halogen, alkyl, carboxyl, alkoxycarbonyl or aralkyl;
 R₂, R₄, R₆, R₈, R₁₀ and R₁₂, are independently -(CH₂)_q-X;
 q is 0-3;
 10 X is hydrogen, halogen, alkyl, alkenyl, cycloalkyl, heterocyclyl, aryl, heteroaryl, aralkyl, heteroaralkyl, hydroxy, alkoxy, aralkoxy, heteroaralkoxy, carboxyl, alkoxycarbonyl, tetrazolyl, acyl, acylHNSO₂-, -SR₂₃, Y¹Y²N- or Y³Y⁴NCO-;
 Y¹ and Y² are independently hydrogen, alkyl, aryl, aralkyl or heteroaralkyl, or one of Y¹ and Y² is hydrogen or alkyl and the other of Y¹ and Y² is acyl or aroyl;
 Y³ and Y⁴ are independently hydrogen, alkyl, aryl, aralkyl or heteroaralkyl;
 15 Z is R₂₁O₂C-, R₂₁OC-, cyclo-imide, -CN, R₂₁O₂SHNCO-, R₂₁O₂SHN-, (R₂₁)₂NCO-, R₂₁O- 2,4-thiazolidinedionyl, or tetrazolyl;
 R' and R'' are ring system substituents;
 R₁₉ and R₂₁ are independently hydrogen, alkyl, aryl, cycloalkyl, or aralkyl;
 20 R₁₃, R₁₇, R₁₉ and R₂₃ are independently R₂₂OC-, R₂₂NHOC-, hydrogen, alkyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, heteroaralkyl, or aralkyl;
 R₁₄, R₁₅, R₁₆, R₁₈ and R₂₀ are independently hydrogen, alkyl, aralkyl, carbonyl, or alkoxycarbonyl;
 or R₁₄, and R₁₅ taken together with the carbon and nitrogen atoms through which they are linked
 25 form a 5 or 6-membered azaheterocyclyl group; or
 when a is 2-4, then vicinal R₁ radicals taken together with the carbon atoms to which the R₁ radicals are linked form an ethylene group; or
 when b is 2-4, then vicinal R₃ radicals taken together with the carbon atoms to which the R₃ radicals are linked form an ethylene group; or
 30 when c is 2-4, then vicinal R₅ radicals taken together with the carbon atoms to which the R₅ radicals are linked form an ethylene group; or

when d is 2-5, then vicinal R₇ radicals taken together with the carbon atoms to which the R₇ radicals are linked form an ethylene group; or

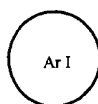
when e is 2-4, then vicinal R₉ radicals taken together with the carbon atoms to which the R₉ radicals are linked form an ethylene group; or

when f is 2-6, then vicinal R₁₁ radicals taken together with the carbon atoms to which the R₁₁ radicals are linked form an ethylene group; and

R₂₂ is hydrogen, alkyl, aryl, heteroaryl, cycloalkyl, heterocyclyl, heteroaralkyl, or aralkyl; or a pharmaceutically acceptable salt thereof, an N-oxide thereof, a hydrate thereof or a solvate thereof.

28. A compound according to claim 27

wherein



and



are independently aryl, fused arylcycloalkenyl, fused arylcycloalkyl, fused arylheterocyclenyl, fused arylheterocyclyl, heteroaryl, fused heteroaryl cycloalkenyl, fused heteroaryl cycloalkyl, fused heteroaryl heterocyclenyl, or fused heteroaryl heterocyclyl;

c+d = 1 or 2;

B is -O-;

R₅, R₆, R₇, R₈ are independently hydrogen;

e = 0;

f = 0;

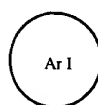
D and E are a chemical bond;

Z is R₂₁O₂C-, R₂₁OC-, cyclo-imide, -CN, R₂₁O₂SHNCO-, R₂₁O₂SHN-, (R₂₁)₂NCO-, R₂₁O- 2,4-thiazolidinedionyl, or tetrazolyl;

R' is lower alkyl, halo, alkoxy, aryloxy or aralkyl; and

R'' is lower alkyl or halo.

29. A compound according to claim 27 wherein



and



are independently aryl, fused arylcycloalkenyl, fused arylcycloalkyl, fused arylheterocyclenyl, fused arylheterocyclyl, heteroaryl, fused heteroaryl cycloalkenyl, fused heteroaryl cycloalkyl, fused heteroaryl heterocyclenyl, or fused heteroaryl heterocyclyl;

c+d = 1 or 2;

B is -O-;

R₅, R₆, R₇, R₈ are independently hydrogen;

e = 0;

5 f = 0;

D and E are a chemical bond;

Z is -CO₂H;

R' is lower alkyl, halo, alkoxy, aryloxy or aralkyl; and

R'' is lower alkyl or halo.

10

30. A compound according to claim 27 wherein

a = 0-2;

b = 0-1;

A is -O- or -NR₁₃-;

15 c+d = 1 or 2;

B is -O-;

R₁, R₂, R₃, R₄, R₅, R₆, R₇, and R₈ are independently hydrogen;

R₁₃ is hydrogen, R₂₂OC-, or alkyl;

e = 0;

20 f = 0;

D and E are a chemical bond;

Z is -CO₂H;

R' is lower alkyl, halo, alkoxy, aryloxy or aralkyl; and

R'' is lower alkyl or halo.

25

31. A compound according to claim 27 wherein

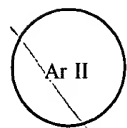
a = 1 or 2;

A is -O-;

b = 0;

30 R₁, R₂, R₇ and R₈ are independently hydrogen;

QA³
cont



is optionally substituted phenyl;

c = 0;

B is -O-;

d = 1;

5 e = 0;

f = 0;

D and E are a chemical bond;

R' is hydrogen, halo or benzyloxy;

R'' is lower alkyl, preferably methyl;

10 Z is -CO₂H.

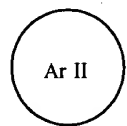
32. A compound according to claim 27 wherein:

a = 1 or 2;

A is -O-;

15 b = 0;

R₁, R₂, R₅ and R₆ are independently hydrogen;



is optionally substituted phenyl;

c = 1;

B is -O-;

20 d = 0;

e = 0;

f = 0;

D and E are a chemical bond;

R' is hydrogen, halo or benzyloxy;

25 R'' is lower alkyl, preferably methyl;

Z is -CO₂H.

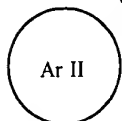
33. A compound according to claim 27 wherein:

a = 1 or 2;

A is -O-;

b = 0;

R₁, R₂, R₇, R₈, R₁₁ and R₁₂ are independently hydrogen;



is optionally substituted phenyl;

c = 0;

B is -O-;

d = 1;

e = 0;

f = 1;

D and E are a chemical bond;

R' is halo;

R'' is lower alkyl, preferably methyl;

Z is -CO₂H.

34. A compound according to claim 27 wherein:

a = 1;

A is -O-;

b = 0;

20 c = 0-1;

B is -O-;

d = 0 or 1, wherein c+d = 1 or 2;

e = 0;

f = 0;

25 D and E are a chemical bond;

R' is hydrogen, aralkoxy, or halo;

R'' is lower alkyl, preferably methyl;

Z is -CO₂H.

30 35. A compound according to claim 27 wherein:

a = 1;

A is -O-;

b = 0;

c = 0;

5 B is -O-;

d = 1;

e = 0;

f = 0;

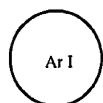
D and E are a chemical bond;

10 R' is hydrogen;

R'' is lower alkyl;

Z is -CO₂H.

36. A compound according to claim 27 wherein:



and



are aryl or heteroaryl;

a = 1;

A is -O-;

b = 0;

c = 0;

20 B is -O-;

d = 1;

e = 0;

f = 0;

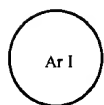
D and E are a chemical bond;

25 R' is hydrogen;

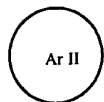
R'' is lower alkyl;

Z is -CO₂H.

37. A compound according to claim 27 wherein:



is optionally substituted azaheteroaryl;



is optionally substituted phenyl;

a = 1;

A is -O-;

5 b = 0;

c = 0;

B is -O-;

d = 1;

e = 0;

f = 0;

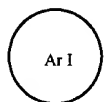
D and E are a chemical bond;

R' is hydrogen;

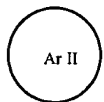
R'' is lower alkyl;

Z is CO₂H.

38. A compound according to claim 27 wherein:



is optionally substituted quinolinyl, or a 5-membered heteroaryl group wherein the heteroaryl group is substituted by optionally substituted phenyl or optionally substituted cyclohexyl;



20 is optionally substituted phenyl;

a = 1;

A is -O-;

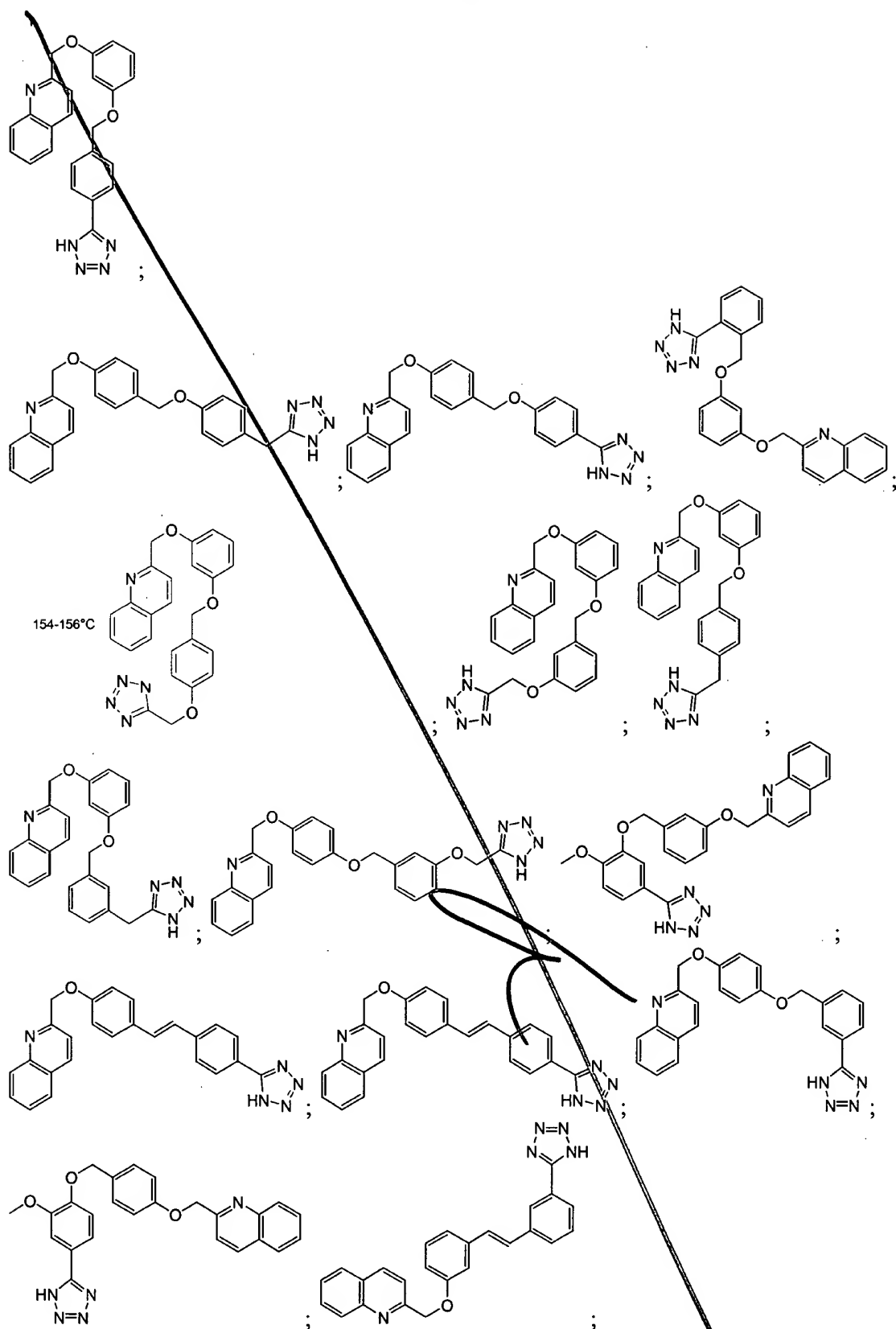
b = 0;

c = 0;

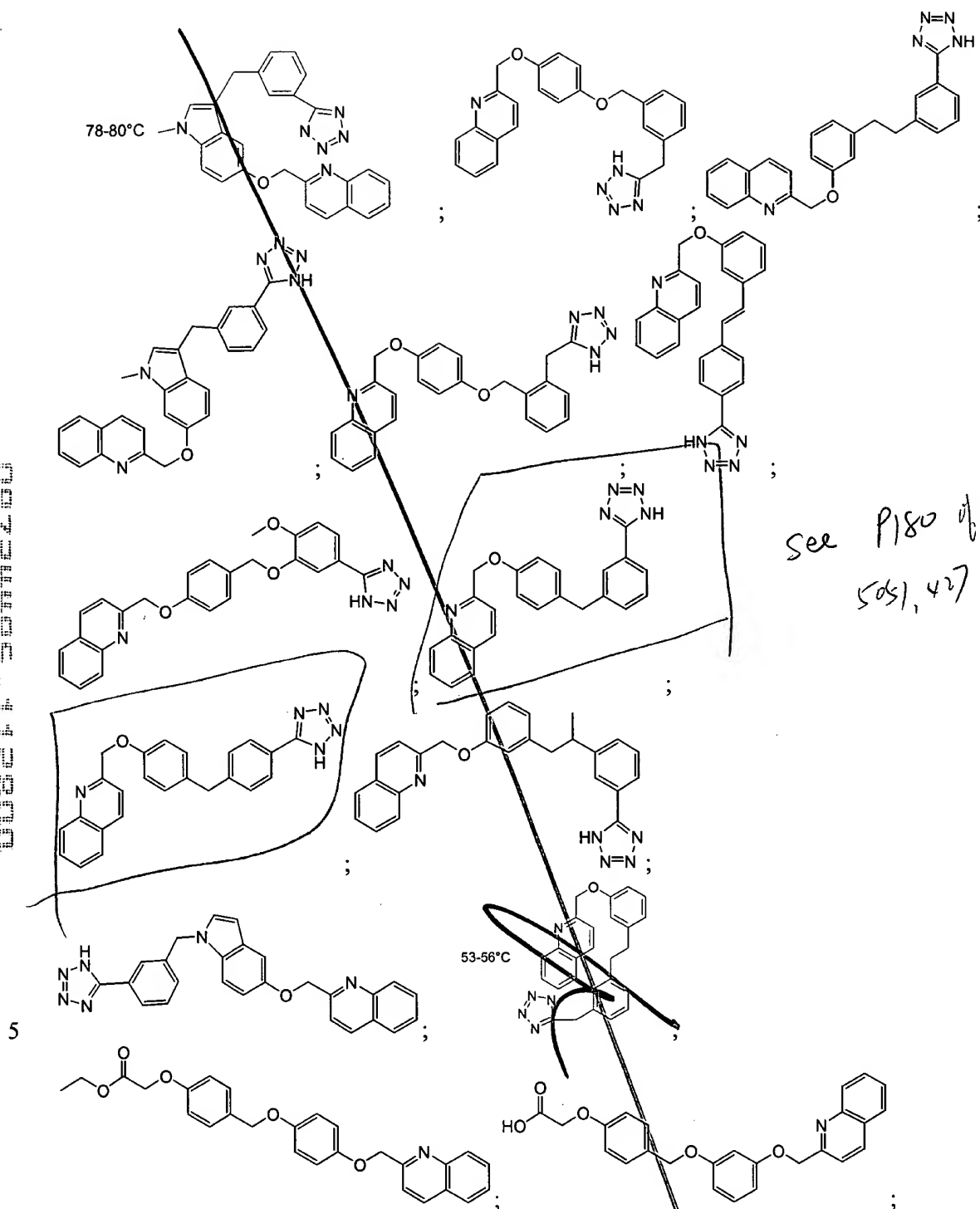
25 B is -O-;

d = 1;

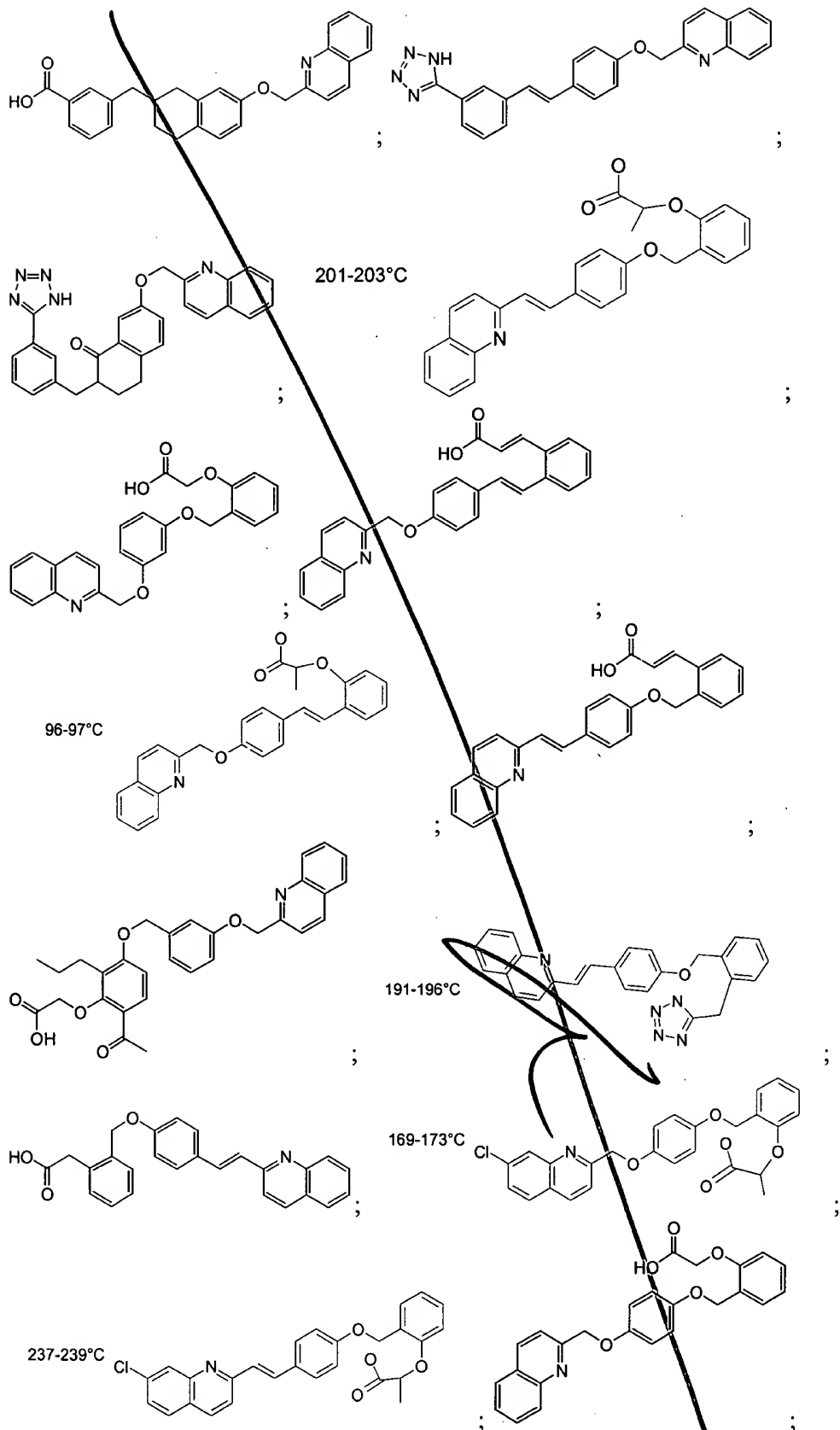
	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2
--	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	------	---

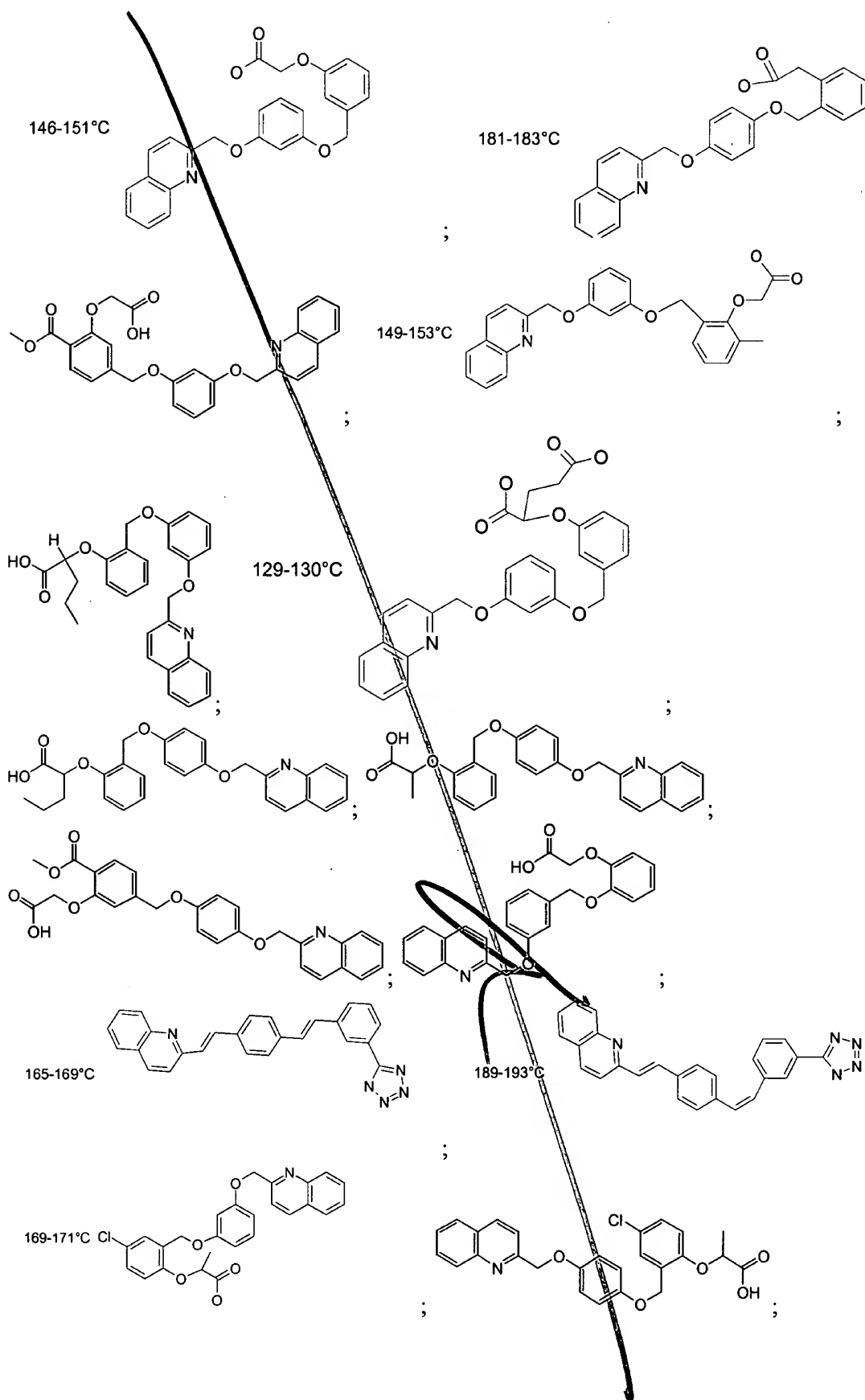


0021 35443 12000

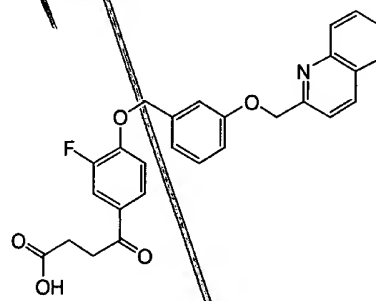
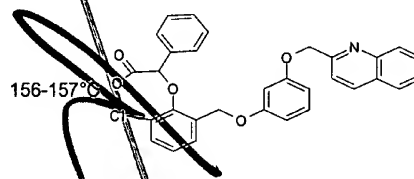
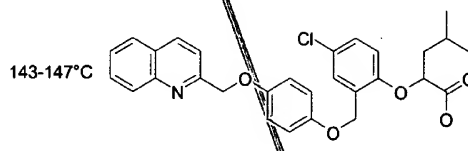
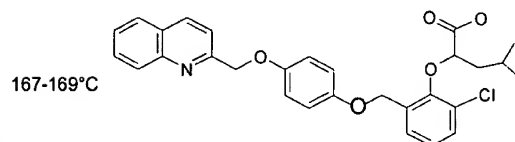
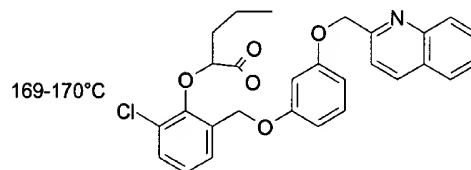
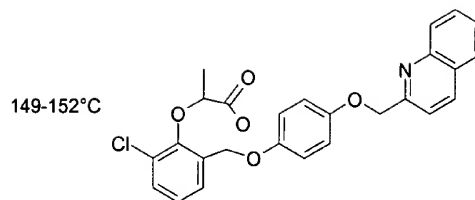
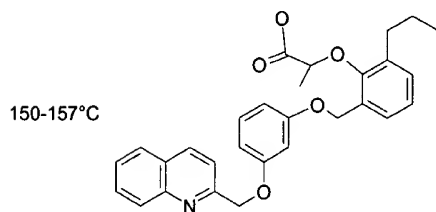
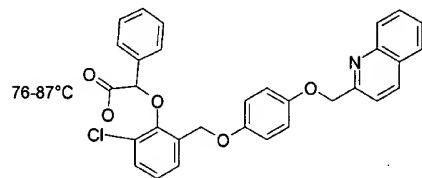
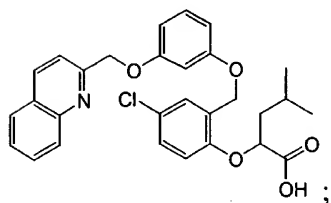
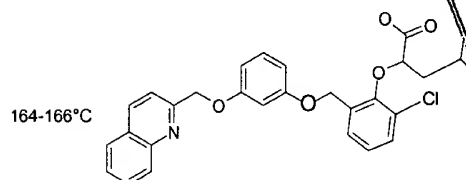
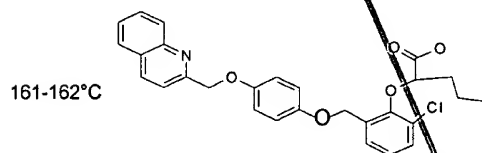
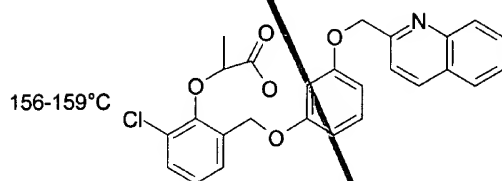
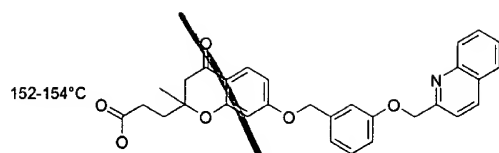


00724495-13000

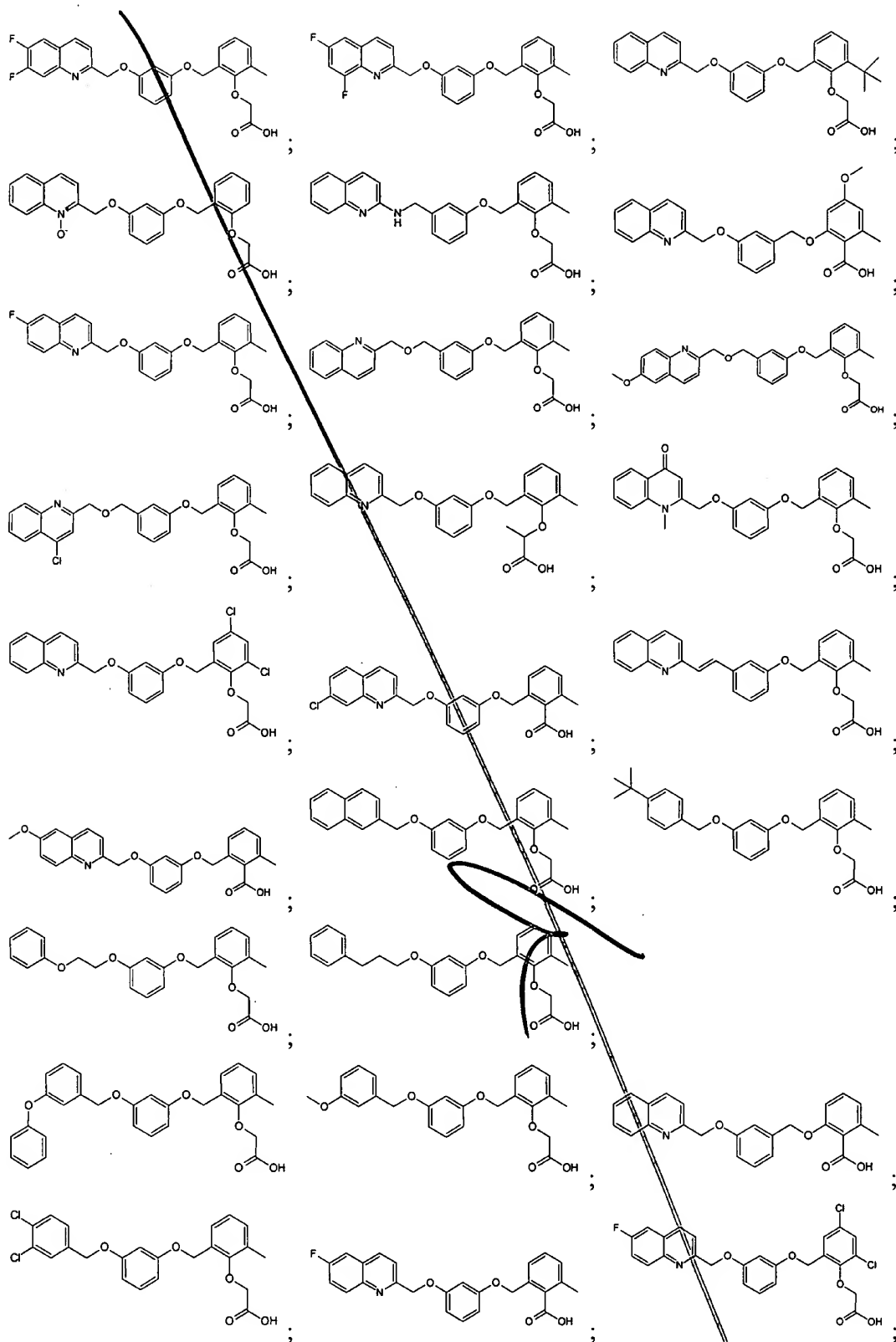


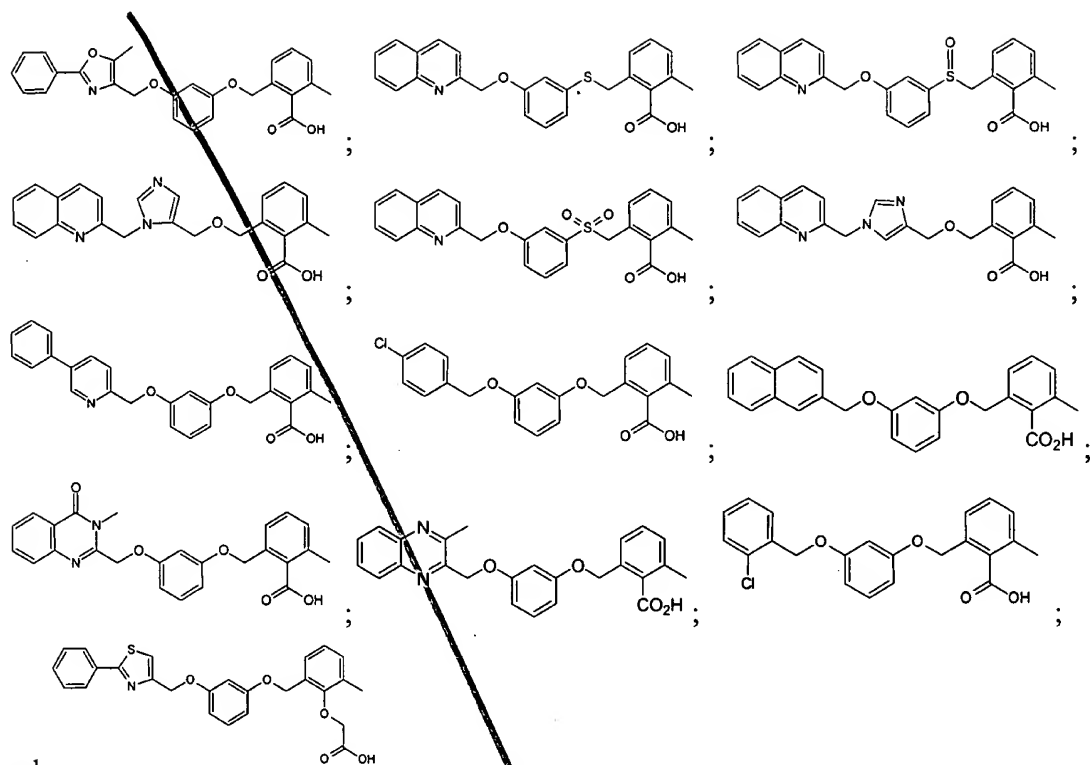


0324105 43005

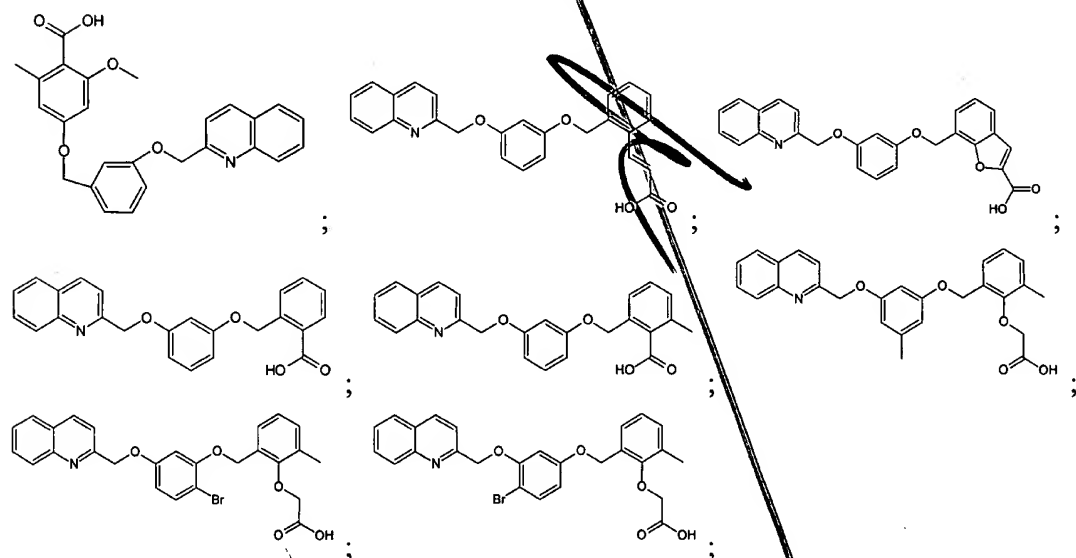


000027-3644269

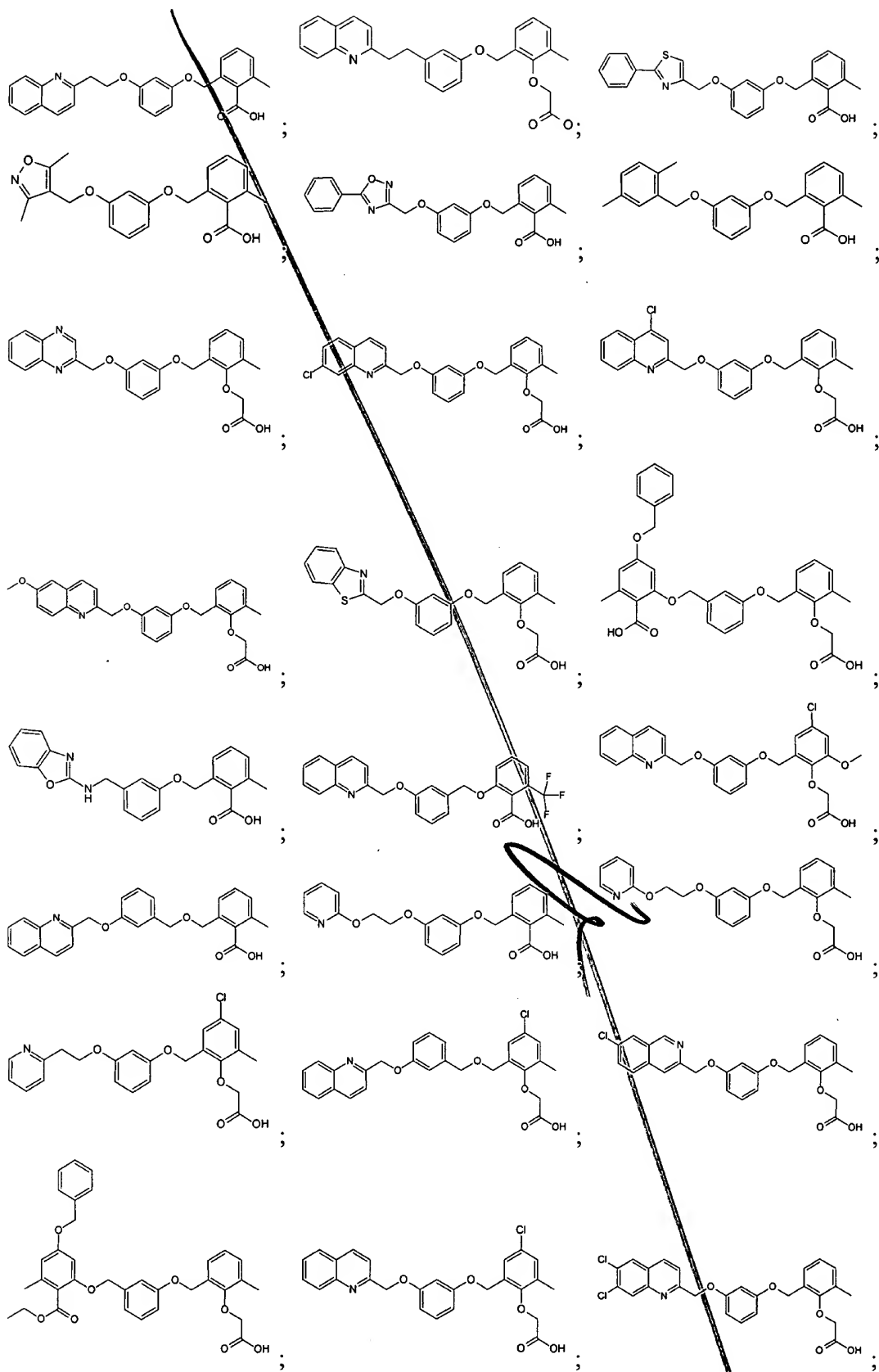




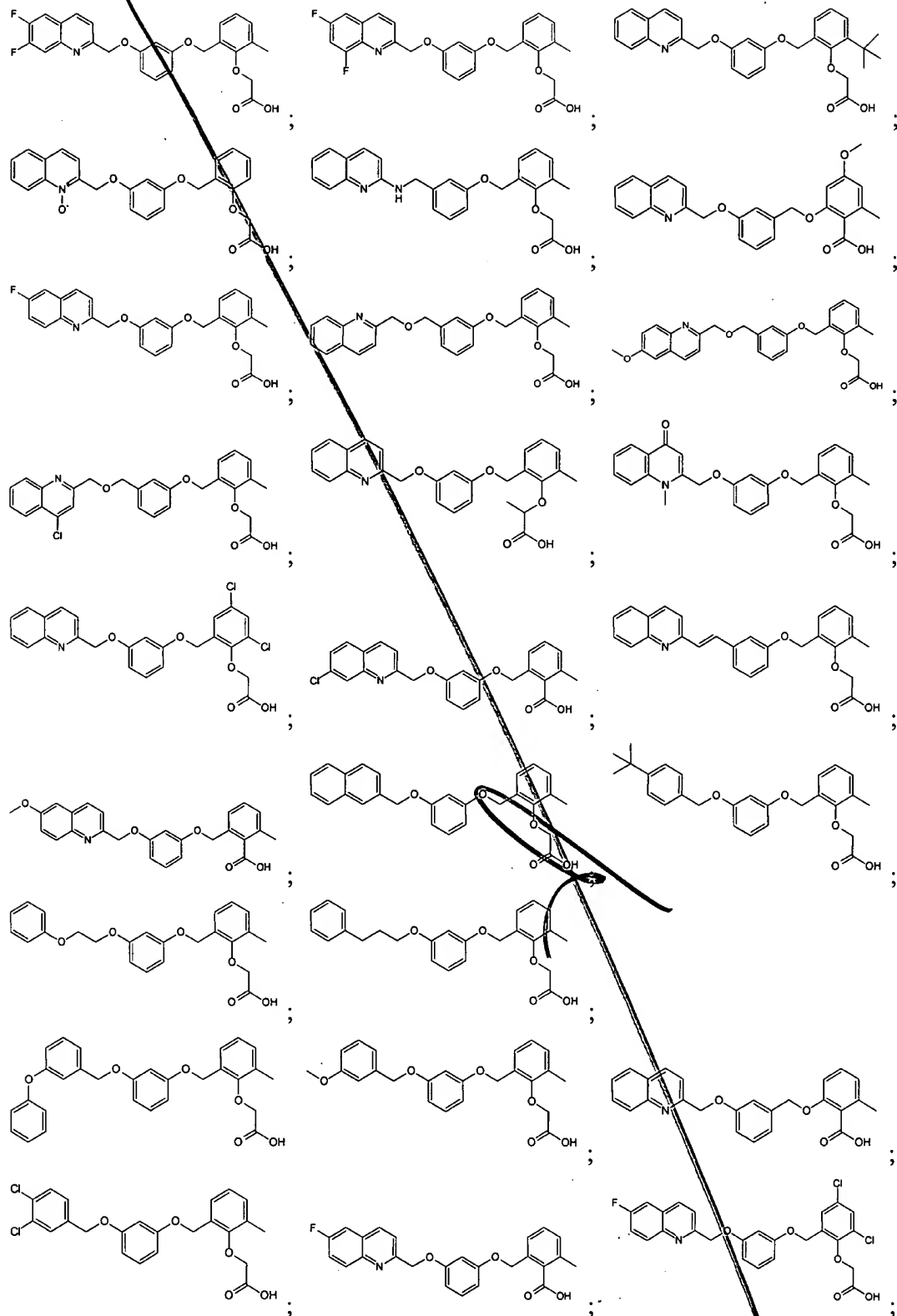
40. A compound according to claim 1 selected from the group consisting of

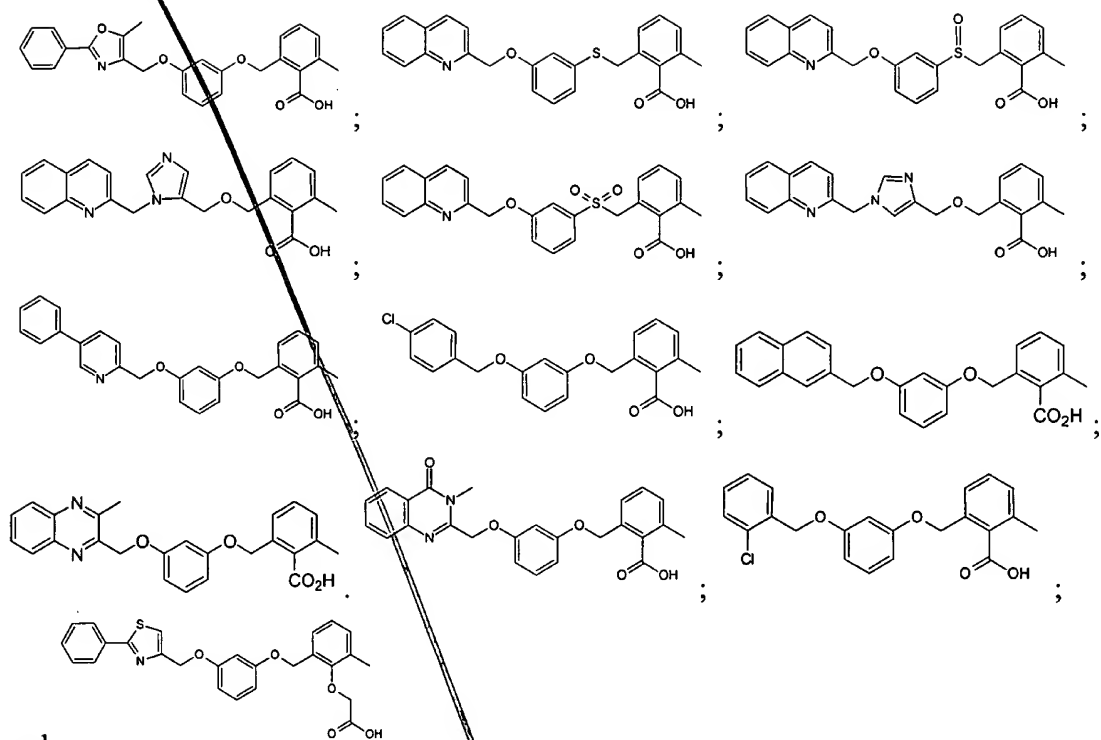


Chemical 5



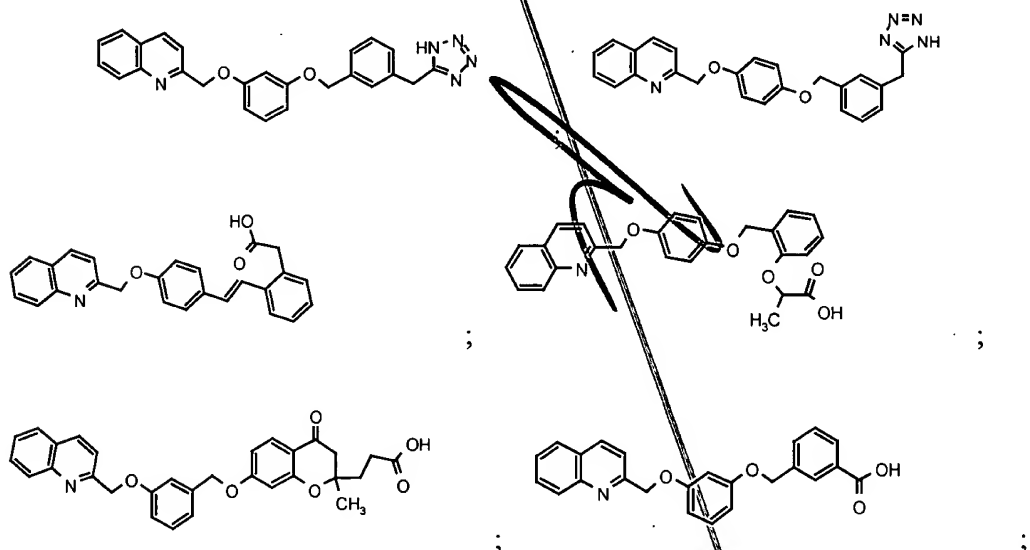
00734466-15000

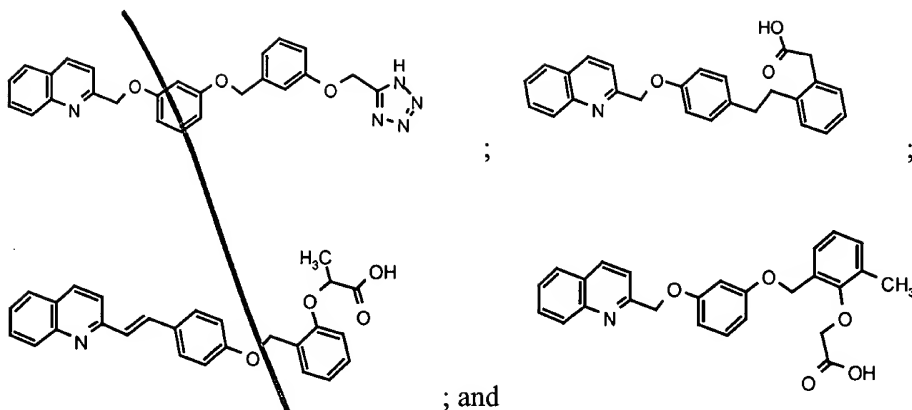




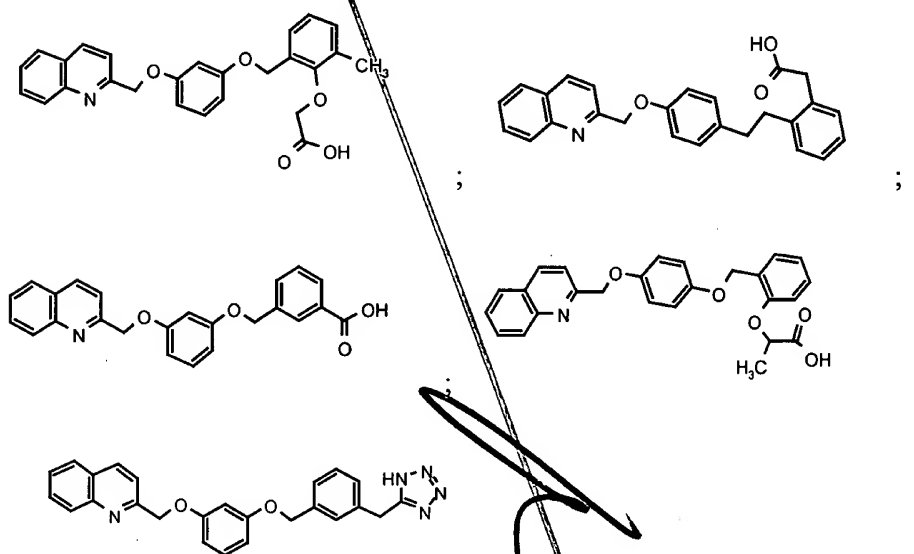
and

41. A compound according to claim 1 selected from the group consisting of





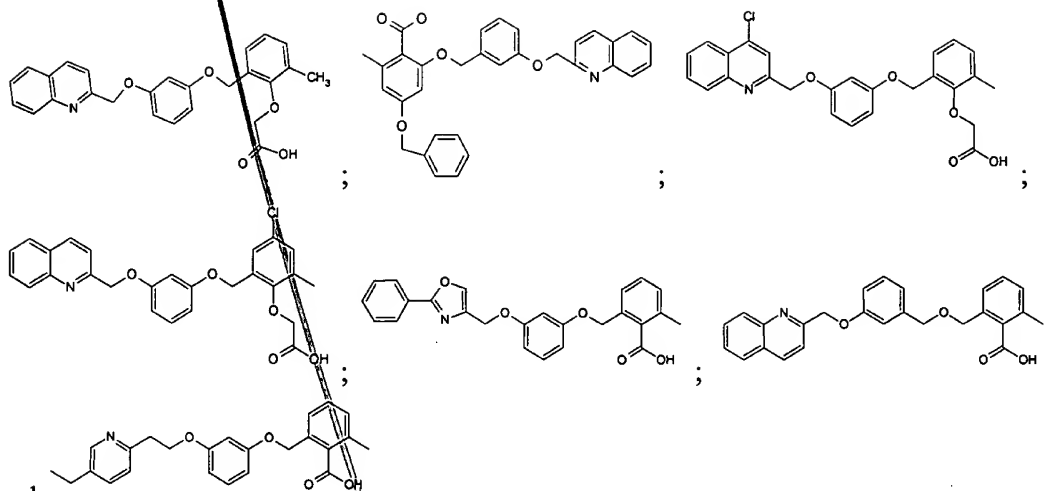
42. A compound according to claim 1 selected from the group consisting of



and

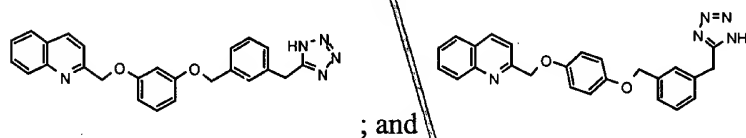
43. A compound according to claim 1 selected from the group consisting of

244

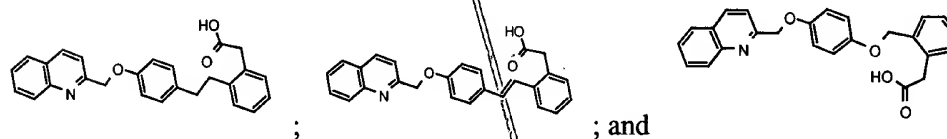


and

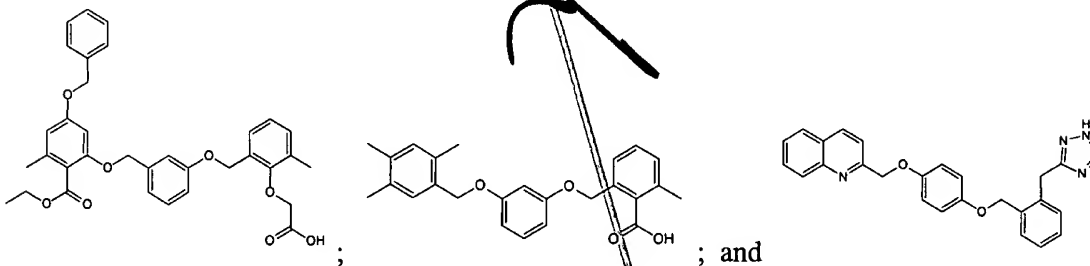
44. A compound according to claim 1 selected from the group consisting of



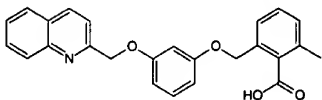
45. A compound according to claim 1 selected from the group consisting of



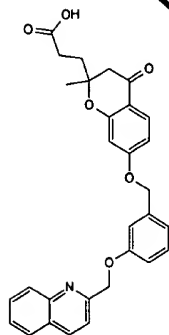
46. A compound according to claim 1 selected from the group consisting of



47. A compound according to claim 1 selected from the group consisting of



48. A compound according to claim 1 of the formula



49. A pharmaceutical composition comprising a pharmaceutically acceptable amount of the compound according to claim 1 and a pharmaceutically acceptable carrier.

50. A method of treating a patient suffering from a physiological disorder capable of being modulated by a compound according to claim 1 having PPAR ligand binding activity, comprising administering to the patient a pharmaceutically effective amount of the compound, or a pharmaceutically acceptable salt thereof.

51. A method according to claim 50 wherein the disease is associated with a physiological detrimental blood level of insulin, glucose, free fatty acids (FFA), or tricyclerides.

52. The method according to claim 51, wherein the physiological disorder is hyperglycemia.

53. The method according to claim 52, wherein the hyperglycemia is diabetes

54. The method according to claim 52, wherein the hyperglycemia is Type II diabetes.

55. The method according to claim 51, wherein the physiological disorder is hyperinsulinism.

56. The method according to claim 55, wherein the hyperinsulinism is Syndrome X.

57. The method according to claim 51, wherein the physiological disorder is insulin resistance.

58. The method according to claim 51, wherein the physiological disorder is cardiovascular condition.

59. The method according to claim 58, wherein the cardiovascular condition is atherosclerosis.

60. The method according to claim 51, wherein the physiological disorder is hyperlipidemia.

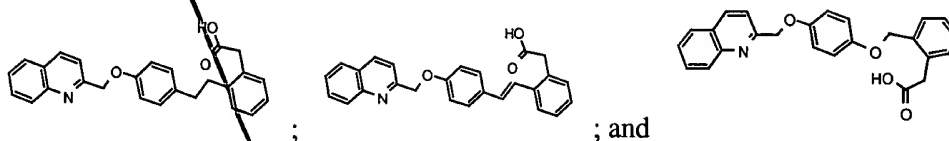
61. The method according to claim 51, wherein the physiological disorder is hypertension.

62. The method according to claim 51, wherein the physiological disorder is an eating disorder.

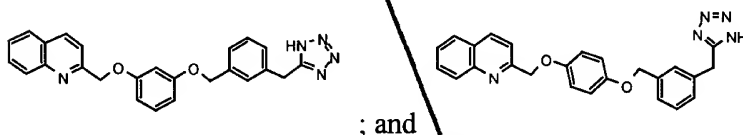
63. The method according to claim 50 wherein the mediating is agonistic.

64. The method according to claim 50 wherein the mediating is antagonistic.
65. A method for mediating the activity of PPAR- γ receptor comprising contacting said PPAR- γ receptor with a compound of according to claim 1.
66. A pharmaceutical composition comprising a pharmaceutically acceptable amount of the compound according to claim 27 and a pharmaceutically acceptable carrier.
67. A method of treating a patient suffering from a physiological disorder capable of being modulated by a compound according to claim 27 having PPAR ligand binding activity, comprising administering to the patient a pharmaceutically effective amount of the compound, or a pharmaceutically acceptable salt thereof.
68. A method according to claim 67 wherein the disease is associated with a physiological detrimental blood level of insulin, glucose, free fatty acids (FFA), or tricyclerides.
69. The method according to claim 67, wherein the physiological disorder is hyperglycemia.
70. The method according to claim 69, wherein the hyperglycemia is diabetes
71. The method according to claim 69, wherein the hyperglycemia is Type II diabetes.
72. The method according to claim 67, wherein the physiological disorder is hyperinsulinism.
73. The method according to claim 72, wherein the hyperinsulinism is Syndrome X.
74. The method according to claim 67, wherein the physiological disorder is insulin resistance.
75. The method according to claim 67, wherein the physiological disorder is cardiovascular disorder.
76. The method according to claim 75, wherein the cardiovascular disorder is atherosclerosis.
77. The method according to claim 67, wherein the physiological disorder is hyperlipidemia.
78. The method according to claim 67, wherein the physiological disorder is hypertension.
79. The method according to claim 67, wherein the physiological disorder is an eating disorder.
80. The method according to claim 67 wherein the mediating is agonistic.
81. The method according to claim 67 wherein the mediating is antagonistic.
82. A method for mediating the activity of PPAR receptor comprising contacting said PPAR receptor with a compound of according to claim 27.
83. A method of treating a patient suffering from a physiological disorder capable of being modulated by a compound having PPAR α and PPAR γ ligand binding activity, comprising administering to the patient a pharmaceutically effective amount of the compound, or a pharmaceutically acceptable salt thereof, wherein said compound is of the formula

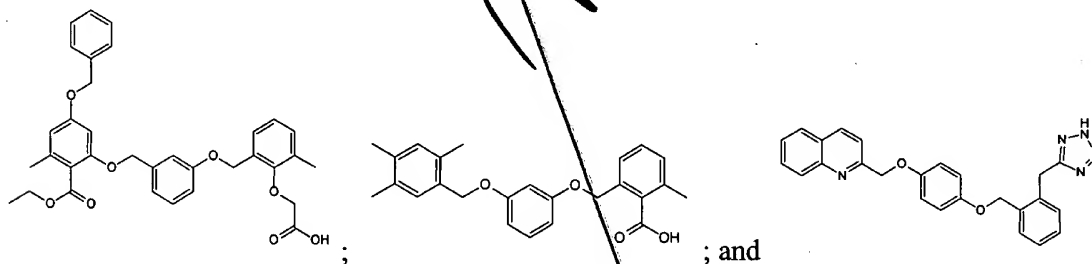
pharmaceutically acceptable salt thereof, wherein said compound is selected from the group consisting of:



- 5 87. A method of treating a patient suffering from a physiological disorder capable of being modulated by a compound having PPAR δ and PPAR γ ligand binding activity, comprising administering to the patient a pharmaceutically effective amount of the compound, or a pharmaceutically acceptable salt thereof, wherein said compound is selected from the group consisting of:



- 10 88. A method of treating a patient suffering from a physiological disorder capable of being modulated by a compound having PPAR γ ligand binding activity, comprising administering to the patient a pharmaceutically effective amount of the compound, or a pharmaceutically acceptable salt thereof, wherein said compound is selected from the group consisting of:



add
PA⁺